



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 12001495
SAU: MSAD 06
School: Bonny Eagle Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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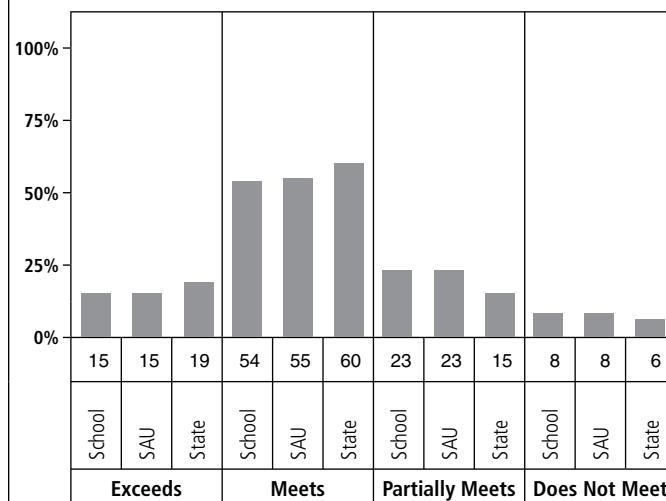
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: MSAD 06
School: Bonny Eagle Middle School

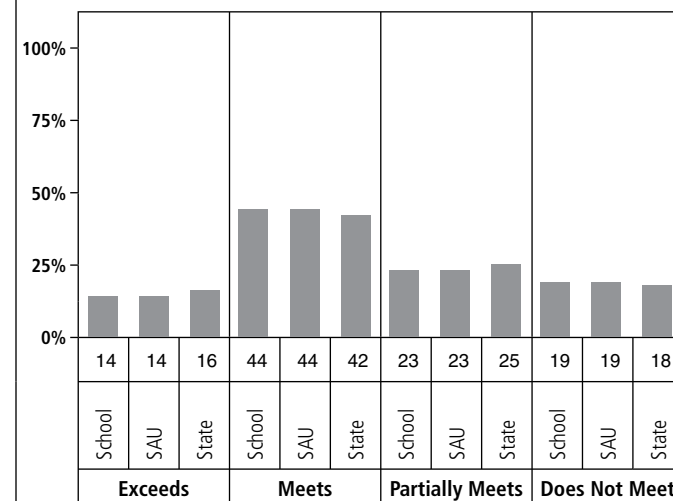
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	748	748	748
2007–2008	749	749	750
2008–2009	749	749	751
Cum. Avg.*	749	749	750
Mathematics			
2006–2007	741	741	742
2007–2008	740	740	743
2008–2009	744	744	745
Cum. Avg.*	742	742	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: MSAD 06
School: Bonny Eagle Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	285	100	287	100	14446	100	279	98	280	98	14316	99	279	98	280	98	14322	99						
Ethnicity African American/Black	2	1	2	1	432	3	2	100	2	100	416	97	2	100	2	100	421	98						
American Indian or Native Alaskan	3	1	3	1	124	1	2	67	2	67	121	98	2	67	2	67	122	99						
Asian or Pacific Islander	2	1	2	1	260	2	2	100	2	100	255	98	2	100	2	100	259	100						
Hispanic	2	1	2	1	147	1	2	100	2	100	144	99	2	100	2	100	144	99						
Caucasian/White	276	97	278	97	13483	93	271	98	272	98	13380	99	271	98	272	98	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	56	20	58	20	2428	17	53	95	54	93	2391	99	53	95	54	93	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	99	35	99	34	5498	38	97	98	97	98	5431	99	97	98	97	98	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	235	82	235	82	11742	81	234	82	234	82	11754	81						
Identified disability (PET/IEP)	11	5	11	5	367	3	11	5	11	5	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	8	3	8	3	183	2	8	3	8	3	187	2						
Participation with accommodations	39	14	40	14	2367	16	42	15	43	15	2366	16						
Identified disability (PET/IEP)	37	95	38	95	1819	77	39	93	40	93	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	1	3	1	3	84	4	1	2	1	2	80	3						
Other	2	5	2	5	358	15	3	7	3	7	346	15						
Participation through alternate assessment (PAAP)	5	2	5	2	205	1	3	1	3	1	202	1						
Identified disability (PET/IEP)	5	100	5	100	205	100	3	100	3	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	6	2	7	2	97	1	6	2	7	2	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 06
School: Bonny Eagle Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	49	16	49	16	2630	18
	2007-2008	44	15	44	15	2604	18
	2008-2009	40	15	40	15	2618	19
	Cum. Total*	133	15	133	15	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	162	54	162	54	7605	51
	2007-2008	172	59	172	59	8049	55
	2008-2009	149	54	150	55	8484	60
	Cum. Total*	483	56	484	56	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	57	19	58	19	3000	20
	2007-2008	52	18	53	18	2672	18
	2008-2009	64	23	64	23	2108	15
	Cum. Total*	173	20	175	20	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	32	11	33	11	1620	11
	2007-2008	23	8	24	8	1190	8
	2008-2009	21	8	21	8	899	6
	Cum. Total*	76	9	78	9	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.7	58.4	32.8	58.6	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.3	56.5	11.3	56.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.4	59.4	21.5	59.7	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 06
 School: Bonny Eagle Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	274	40	15	149	54	64	23	21	8	749	275	15	55	23	8	749	14109	19	60	15	6	751
Ethnicity																						
African American/Black	1										1						409	11	49	22	18	744
American Indian or Native Alaskan	2										2						117	12	53	19	16	746
Asian or Pacific Islander	2										2						253	24	59	11	6	753
Hispanic	2										2						142	14	56	17	13	747
Caucasian/White	267	39	15	144	54	63	24	21	8	749	268	15	54	24	8	749	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	48	1	2	11	23	24	50	12	25	737	49	2	24	49	24	738	2186	2	36	35	27	737
No	226	39	17	138	61	40	18	9	4	751	226	17	61	18	4	751	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	274	40	15	149	54	64	23	21	8	749	275	15	55	23	8	749	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	94	8	9	43	46	32	34	11	12	744	94	9	46	34	12	744	5300	8	58	22	11	746
No	180	32	18	106	59	32	18	10	6	752	181	18	59	18	6	752	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	274	40	15	149	54	64	23	21	8	749	275	15	55	23	8	749	14101	19	60	15	6	751
Gender																						
Female	138	31	22	77	56	22	16	8	6	753	138	22	56	16	6	753	6993	24	61	11	4	754
Male	136	9	7	72	53	42	31	13	10	745	137	7	53	31	9	745	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1025	10	53	27	11	745
No	274	40	15	149	54	64	23	21	8	749	275	15	55	23	8	749	13084	19	61	14	6	752
Gifted/talented program																						
Yes	19	13	68	4	21	2	11	0	0	765	19	68	21	11	0	765	676	66	33	1	0	766
No	255	27	11	145	57	62	24	21	8	748	256	11	57	24	8	748	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: MSAD 06

School: Bonny Eagle Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	0	0	9	39	6	26	8	35	739	9	0	42	25	33	740	7	8	48	25	19	743
B. less than one hour	55	20	13	82	55	37	25	11	7	748	55	13	55	25	7	748	52	17	62	15	6	751
C. one to two hours	34	19	21	57	63	15	16	0	0	754	33	21	63	16	0	754	37	23	61	12	4	753
D. more than two hours	3	1	14	1	14	3	43	2	29	740	3	14	14	43	29	740	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	29	32	47	52	10	11	4	4	756	33	32	53	11	4	756	30	33	56	7	4	756
B. good	48	10	8	84	65	28	22	8	6	748	48	8	65	22	6	748	49	16	64	14	5	751
C. fair	18	1	2	17	35	22	46	8	17	740	18	2	35	46	17	740	19	5	59	26	10	745
D. poor	1	0	0	1	33	1	33	1	33	741	1	0	33	33	33	741	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	29	14	18	53	68	8	10	3	4	753	30	18	68	10	4	753	33	24	62	10	3	754
B. They match some of what I have learned.	56	23	15	76	51	42	28	8	5	749	56	15	51	28	5	749	52	18	62	15	5	751
C. They match just a little of what I have learned.	13	2	6	14	41	10	29	8	24	742	13	6	41	29	24	742	11	11	54	23	13	746
D. There is no match.	2	0	0	3	60	0	0	2	40	736	2	0	60	0	40	736	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	3	7	25	56	9	20	8	18	745	17	7	56	20	18	745	17	16	55	18	12	748
B. about the same as my regular schoolwork	66	26	15	100	56	42	24	9	5	750	66	15	57	24	5	750	65	19	62	14	5	752
C. easier than my regular schoolwork	18	11	23	23	48	11	23	3	6	750	18	23	48	23	6	750	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	7	1	5	7	35	7	35	5	25	740	7	5	35	35	25	740	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	57	15	10	94	61	36	23	10	6	748	58	10	61	23	6	748	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	35	24	25	48	51	19	20	4	4	752	35	25	51	20	4	752	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	15	15	50	52	25	26	7	7	748	36	15	52	26	7	748	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	57	24	16	86	57	30	20	12	8	750	57	16	57	20	8	750	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	7	1	5	13	65	5	25	1	5	748	7	5	65	25	5	748	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	23	17	27	34	55	7	11	4	6	754	23	27	55	11	6	754	21	27	57	11	5	755
B. 20 minutes to an hour	42	18	16	66	58	24	21	5	4	750	41	16	58	21	4	750	45	22	62	12	4	753
C. less than 20 minutes	10	3	11	11	41	10	37	3	11	744	10	11	43	36	11	744	13	13	61	17	8	749
D. I rarely read at home.	26	2	3	38	54	21	30	9	13	745	26	3	54	30	13	745	21	7	59	24	11	746
Optional school/SAU question																						
A.	13	0	0	0	0	1	100	0	0	736	13	0	0	100	0	736						
B.	25	0	0	2	100	0	0	0	0	749	25	0	100	0	0	749						
C.	25	0	0	2	100	0	0	0	0	754	25	0	100	0	0	754						
D.	38	1	33	0	0	0	0	2	67	739	38	33	0	0	67	739						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 06
School: Bonny Eagle Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	34	11	34	11	2142	14
	2007-2008	24	8	24	8	2028	14
	2008-2009	38	14	38	14	2220	16
	Cum. Total*	96	11	96	11	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	115	38	115	38	5642	38
	2007-2008	109	37	109	37	5703	39
	2008-2009	122	44	122	44	5879	42
	Cum. Total*	346	40	346	40	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	88	29	89	29	4077	27
	2007-2008	84	29	86	29	3733	26
	2008-2009	64	23	64	23	3537	25
	Cum. Total*	236	27	239	27	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	63	21	64	21	3001	20
	2007-2008	74	25	74	25	3054	21
	2008-2009	52	19	53	19	2484	18
	Cum. Total*	189	22	191	22	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	29.7	53.0	29.7	53.0	29.9	53.4
A. Number	14	25	7.2	51.4	7.2	51.4	7.7	55.0
B. Data	16	29	8.0	50.0	8.0	50.0	8.1	50.6
C. Geometry	12	21	6.7	55.8	6.7	55.8	6.9	57.5
D. Algebra	14	25	7.8	55.7	7.8	55.7	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 06
 School: Bonny Eagle Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	276	38	14	122	44	64	23	52	19	744	277	14	44	23	19	744	14120	16	42	25	18	745
Ethnicity																						
African American/Black	2										2						416	5	26	28	41	733
American Indian or Native Alaskan	2										2						119	8	30	31	30	737
Asian or Pacific Islander	2										2						258	25	43	19	13	750
Hispanic	2										2						142	8	39	23	30	739
Caucasian/White	268	37	14	119	44	63	24	49	18	745	269	14	44	23	19	745	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	50	0	0	6	12	17	34	27	54	725	51	0	12	33	55	725	2189	2	17	27	53	728
No	226	38	17	116	51	47	21	25	11	749	226	17	51	21	11	749	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	276	38	14	122	44	64	23	52	19	744	277	14	44	23	19	744	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	95	7	7	28	29	29	31	31	33	736	95	7	29	31	33	736	5308	7	35	30	28	738
No	181	31	17	94	52	35	19	21	12	749	182	17	52	19	12	749	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	276	38	14	122	44	64	23	52	19	744	277	14	44	23	19	744	14112	16	42	25	18	745
Gender																						
Female	139	27	19	59	42	32	23	21	15	747	139	19	42	23	15	747	6992	16	43	25	16	745
Male	137	11	8	63	46	32	23	31	23	742	138	8	46	23	23	742	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1024	7	26	36	31	736
No	276	38	14	122	44	64	23	52	19	744	277	14	44	23	19	744	13096	16	43	24	17	745
Gifted/talented program																						
Yes	19	14	74	5	26	0	0	0	0	770	19	74	26	0	0	770	676	68	29	2	0	767
No	257	24	9	117	46	64	25	52	20	743	258	9	45	25	21	743	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 06
School: Bonny Eagle Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	0	0	7	30	5	22	11	48	731	9	0	29	21	50	730	7	6	30	28	36	735
B. less than one hour	56	24	16	59	39	41	27	28	18	744	55	16	39	27	18	744	52	16	42	25	17	745
C. one to two hours	33	13	14	54	59	15	16	9	10	749	33	14	59	16	10	749	37	18	44	24	14	747
D. more than two hours	3	1	14	2	29	1	14	3	43	738	3	14	29	14	43	738	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	27	21	28	43	57	3	4	8	11	755	27	28	57	4	11	755	26	35	43	12	9	754
B. good	47	14	11	63	49	30	23	21	16	745	47	11	49	23	16	745	46	13	48	25	15	745
C. fair	20	2	4	15	27	23	41	16	29	735	20	4	27	41	29	735	23	3	32	37	27	737
D. poor	5	1	7	1	7	7	47	6	40	731	6	6	6	44	44	731	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	29	14	18	41	53	11	14	12	15	748	28	18	53	14	15	748	26	23	43	20	13	749
B. They match some of what I have learned.	57	20	13	72	46	39	25	25	16	745	57	13	46	25	16	745	53	15	45	26	15	746
C. They match just a little of what I have learned.	12	4	12	8	24	12	35	10	29	739	13	11	23	34	31	738	17	9	35	32	24	740
D. There is no match.	2	0	0	1	20	0	0	4	80	720	2	0	20	0	80	720	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	28	10	13	25	33	17	23	23	31	740	28	13	33	22	32	740	37	8	40	29	23	740
B. about the same as my regular schoolwork	60	13	8	81	50	42	26	27	17	744	60	8	50	26	17	744	51	16	44	25	15	746
C. easier than my regular schoolwork	13	15	44	15	44	3	9	1	3	759	12	44	44	9	3	759	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	42	20	18	51	45	24	21	19	17	746	42	18	45	21	17	746	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	52	15	11	65	46	35	25	27	19	744	52	11	46	25	19	744	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	6	3	19	6	38	3	19	4	25	743	6	18	35	18	29	742	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	11	2	6	9	29	10	32	10	32	738	11	6	29	32	32	738	8	8	30	29	33	737
B. 30–45 minutes	47	14	11	57	44	34	26	25	19	743	47	11	44	26	19	743	38	13	40	27	20	743
C. 45–60 minutes	38	22	21	51	49	18	17	14	13	750	38	21	49	17	13	750	42	20	45	23	12	748
D. more than 60 minutes	3	0	0	5	63	1	13	2	25	741	3	0	63	13	25	741	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	17	8	17	15	33	12	26	11	24	745	17	17	33	26	24	745	15	19	38	25	19	745
B. two or three days a week	54	19	13	72	49	34	23	22	15	745	54	13	49	23	16	745	31	18	42	24	16	746
C. two or three times a month	22	10	16	27	44	11	18	13	21	745	22	16	44	18	21	745	26	17	43	24	17	746
D. never or almost never	7	1	5	7	37	6	32	5	26	737	7	5	37	32	26	737	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	1	20	1	20	3	60	730	2	0	20	20	60	730	10	12	39	24	24	741
B. two or three days a week	8	4	19	7	33	4	19	6	29	743	8	19	33	19	29	743	22	13	43	26	18	744
C. two or three times each month	46	16	13	60	48	34	27	14	11	747	46	13	48	27	11	747	33	18	44	25	13	747
D. never or almost never	44	17	14	51	43	24	20	28	23	743	45	14	42	20	24	743	35	16	40	25	19	744
Optional school/SAU question																						
A.	13	0	0	0	0	1	100	0	0	734	13	0	0	100	0	734						
B.	25	0	0	1	50	0	0	1	50	742	25	0	50	0	50	742						
C.	25	0	0	2	100	0	0	0	0	755	25	0	100	0	0	755						
D.	38	0	0	1	33	0	0	2	67	725	38	0	33	0	67	725						

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